

Fig. 14

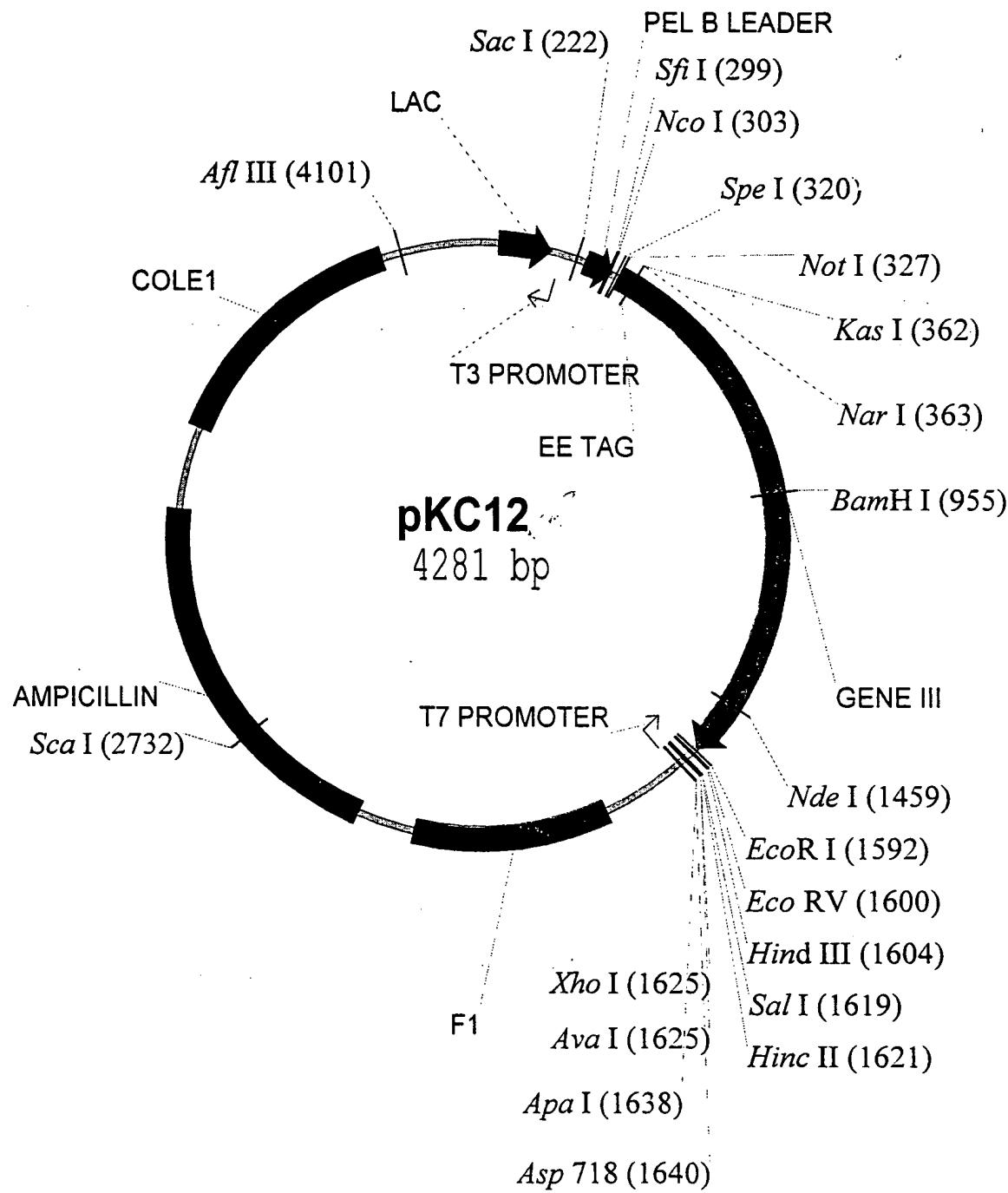


Fig. 1B

卷之三

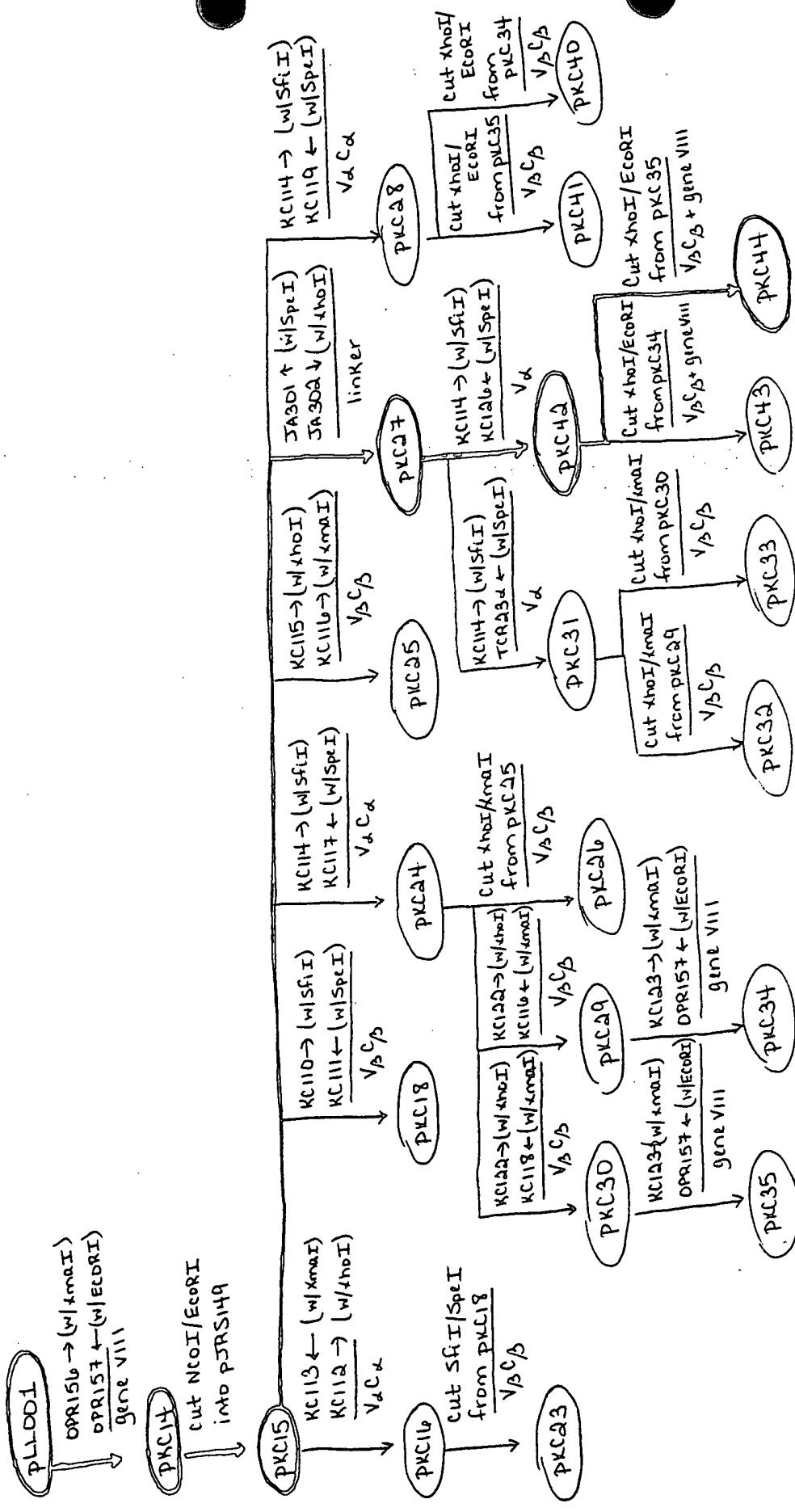


Fig. 2

25 DECEMBER 2020

A
PKC44

phoA	pelB	L.S.	V _α chain	(G ₄ S) ₄	V _β C _β chain	98-stop
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B
PKC46

lacZ	pelB	L.S.	V _α chain	(G ₄ S) ₄	V _β C _β chain	EE+tag	98-stop
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C
PKC51

lacZ	pelB	L.S.	V _α chain	(G ₄ S) ₄	V _β C _β chain	98-stop
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Fig. 3

lacZ	pelB	L.S.	V _α chain	(G ₄ S) ₄	V _β C _β chain	EE+tag	98-stop
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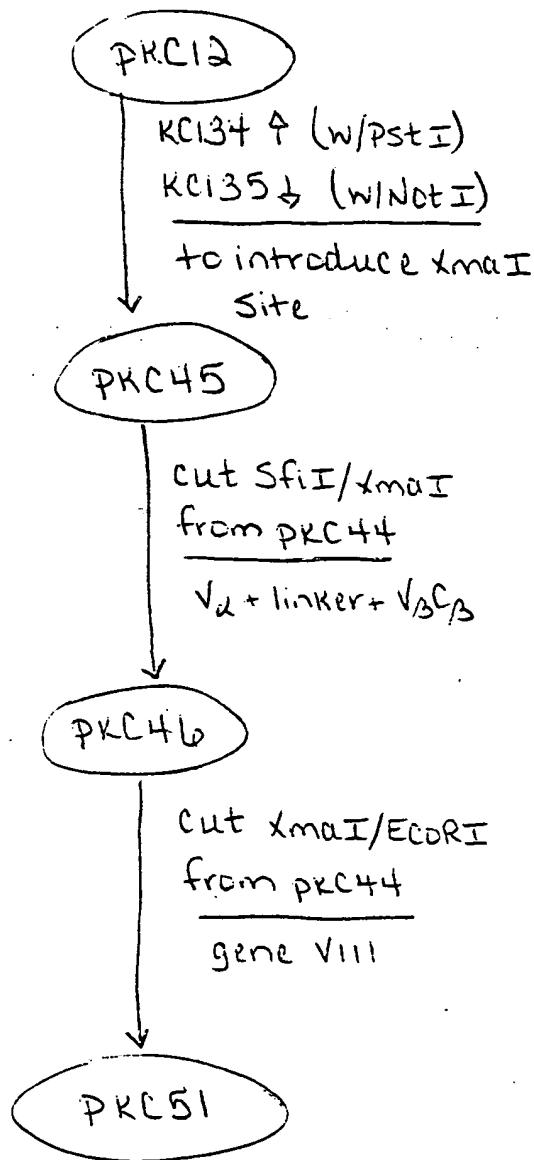


Fig. 4

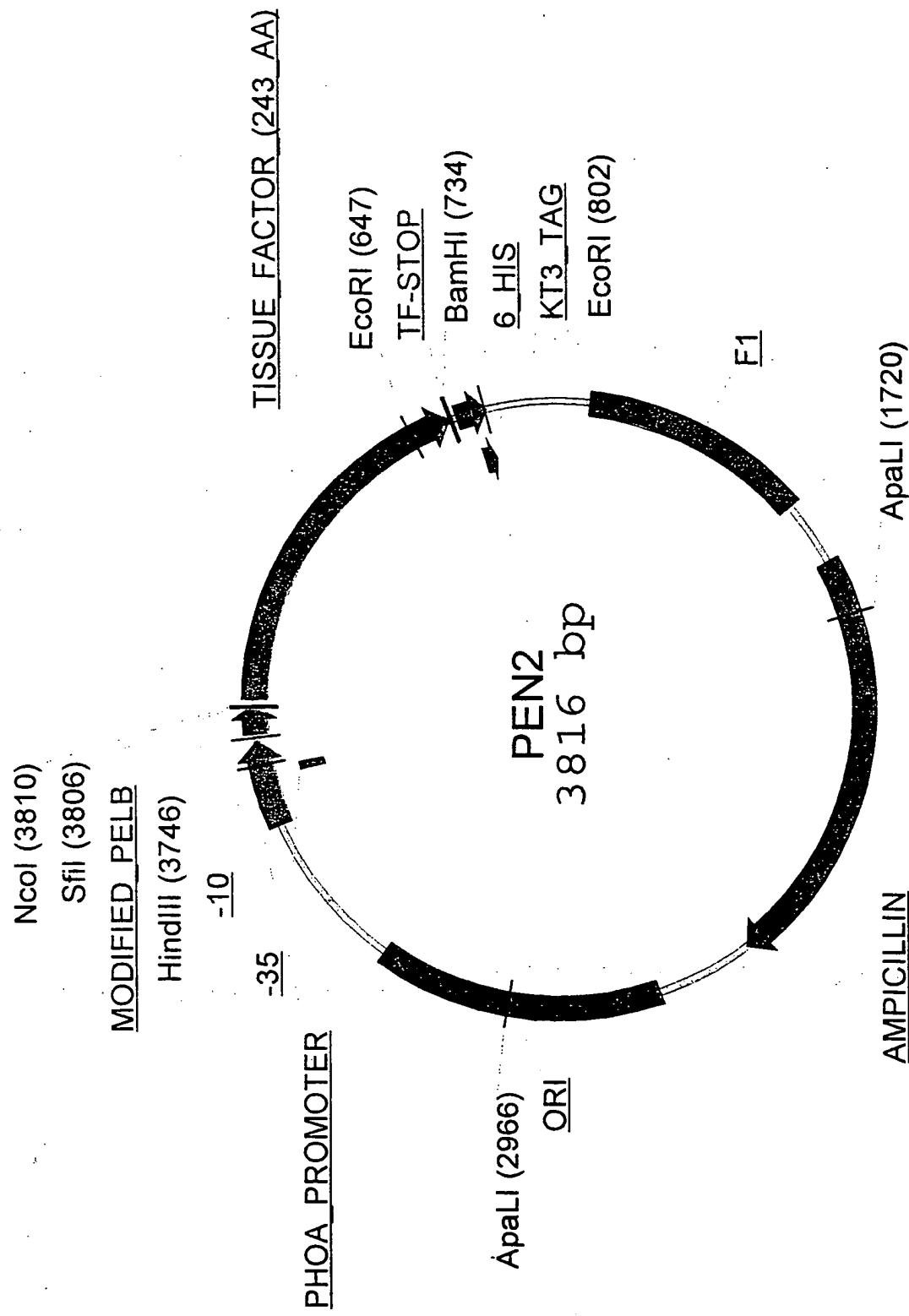


Fig. 5

phoA	mod. pelB L.S.	V ₄ chain	(G ₄ S) ₄	V ₅ chain	EE+tag-6 his-stops
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phoA	mod. pelB L.S.	V ₄ chain	(G ₄ S) ₄	V ₅ chain	EE+tag-98-his-stops
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phoA	mod. pelB L.S.	V ₄ chain	(G ₄ S) ₄	V ₅ chain	EE+tag-83-his-stops
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precus

Fig. 6A

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preciso [pho \wedge mod. μ B.L.S.] $\vee_{\mu, \text{chain}} (G_{\mu S})_M$ $\vee_{\mu, \text{chain}} \text{EE lang-stop}$

preciso [pho \wedge mod. μ B.L.S.] $\vee_{\mu, \text{chain}} (G_{\mu S})_M$ $\vee_{\mu, \text{chain}} \text{EE lang-stop}$

preciso [pho \wedge mod. μ B.L.S.] $\vee_{\mu, \text{chain}} (G_{\mu S})_M$ $\vee_{\mu, \text{chain}} \text{EE lang-stop}$

preciso [pho \wedge mod. μ B.L.S.] $\vee_{\mu, \text{chain}} (G_{\mu S})_M$ $\vee_{\mu, \text{chain}} \text{EE lang-stop}$

preciso [pho \wedge mod. μ B.L.S.] $\vee_{\mu, \text{chain}} (G_{\mu S})_M$ $\vee_{\mu, \text{chain}} \text{EE lang-stop}$

Fig. 6B

26" DIA. 1" BORE TUBE

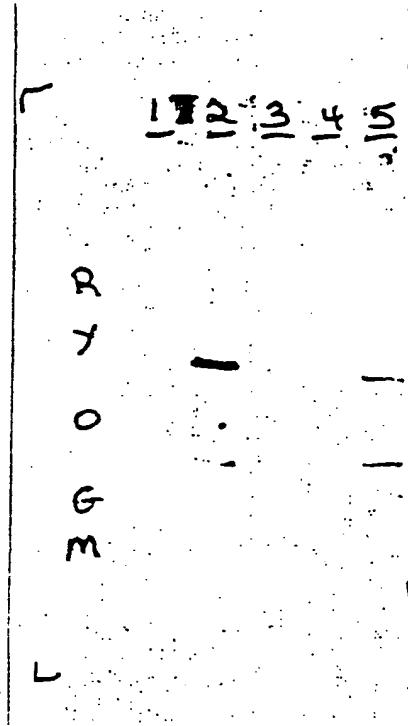


Fig 7

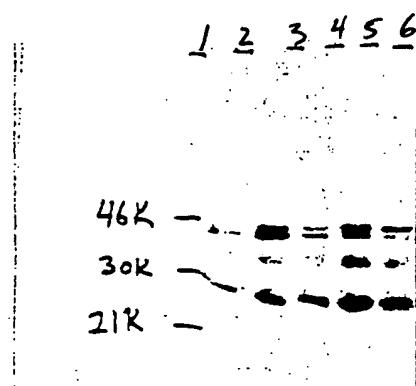


Fig. 8

Affinity Purification of scTCR/geneVIII Fusion Protein

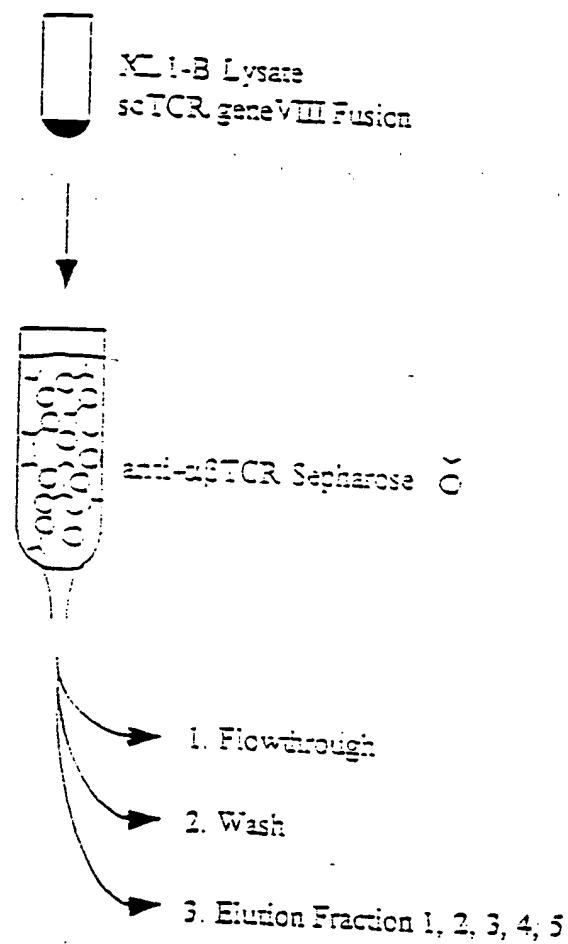


Fig. 9

262000-1924-000

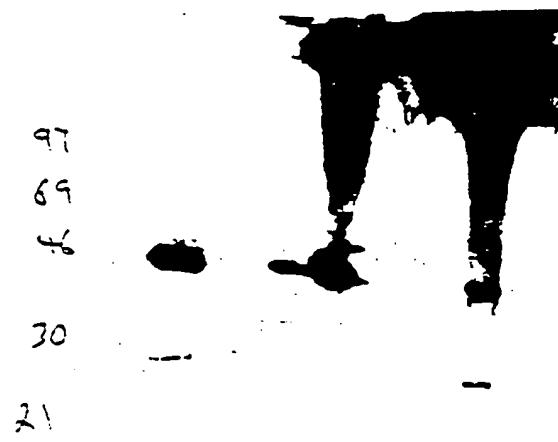


Fig. 10

1 2 3 4

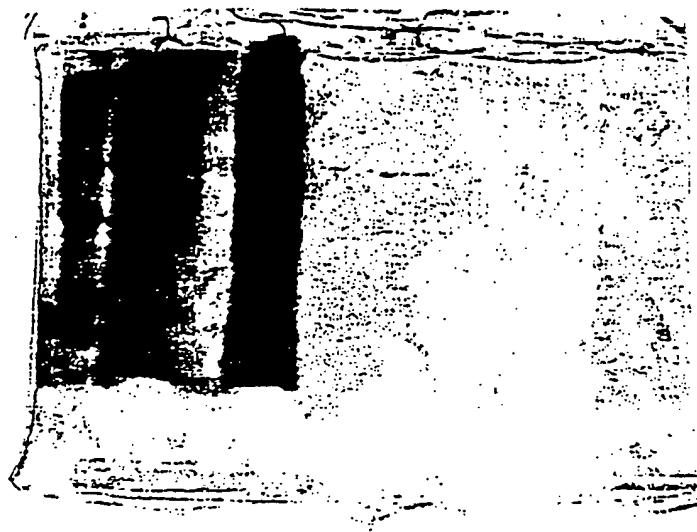


Fig. 11

1 2 3 4 5

P-
Y-
O-
G-
R-

Fig. 12

252 DEPT TEST 980

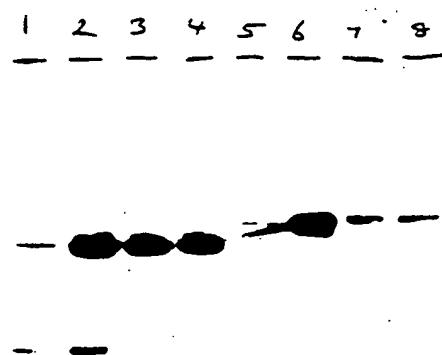


Fig. B

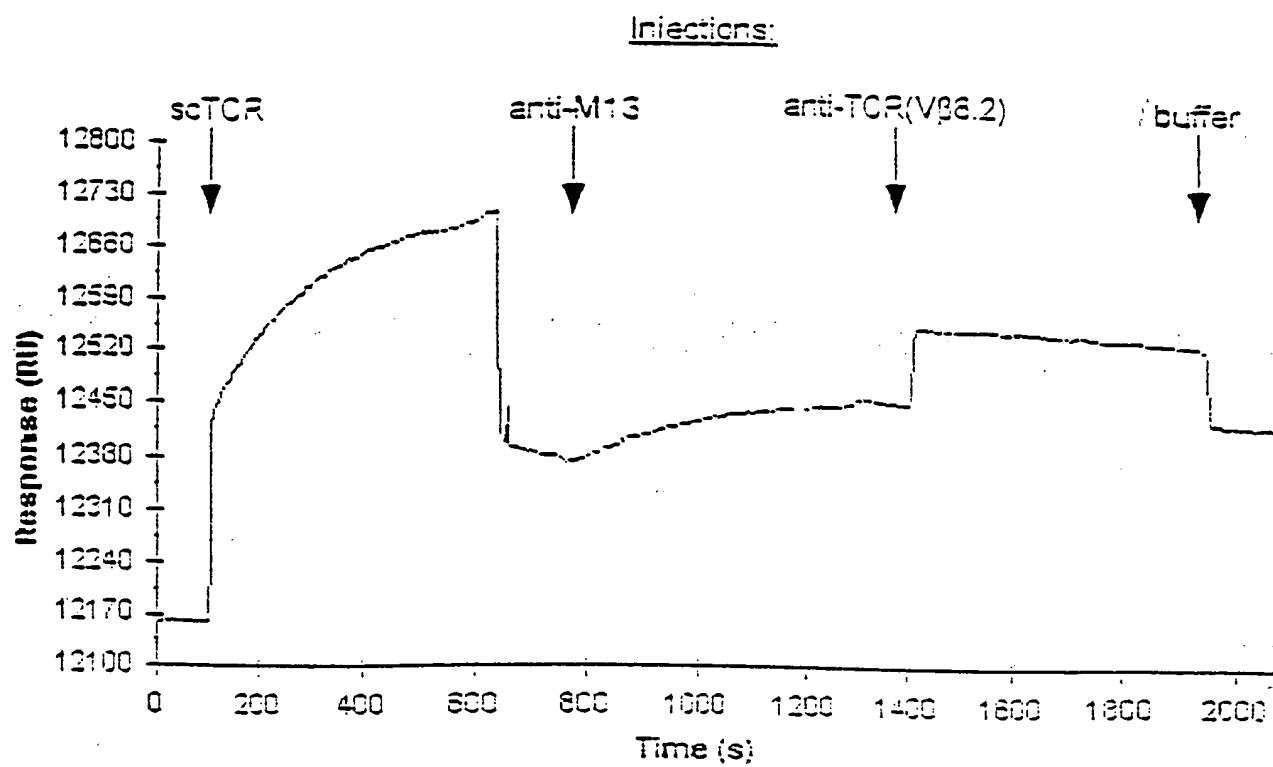


Fig. 14

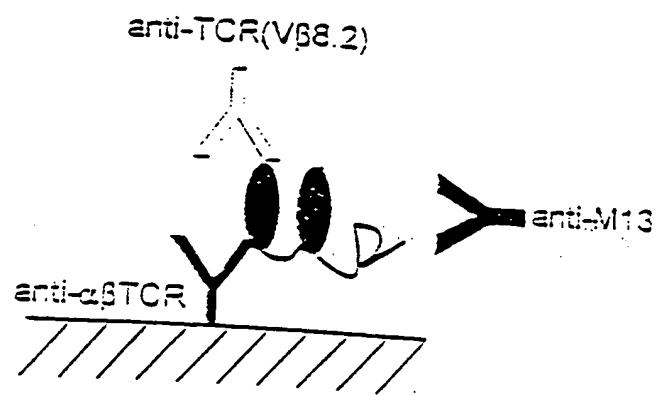


Fig. 15

26 DECEMBER 1992

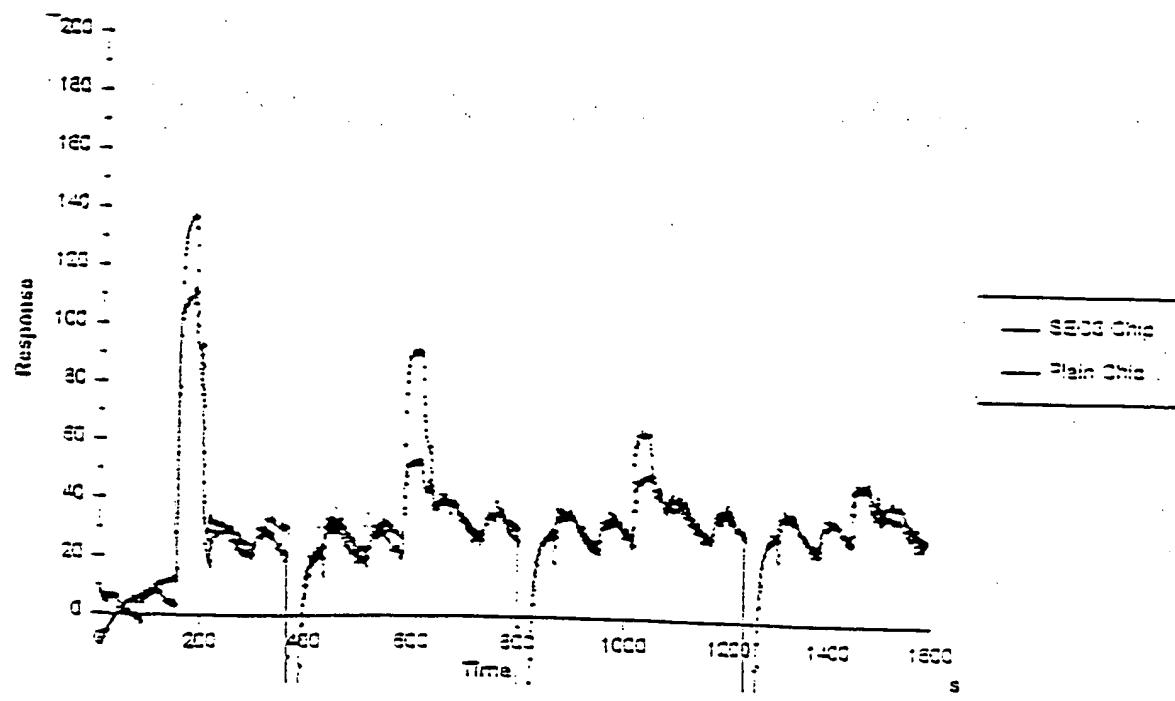


Fig. 16

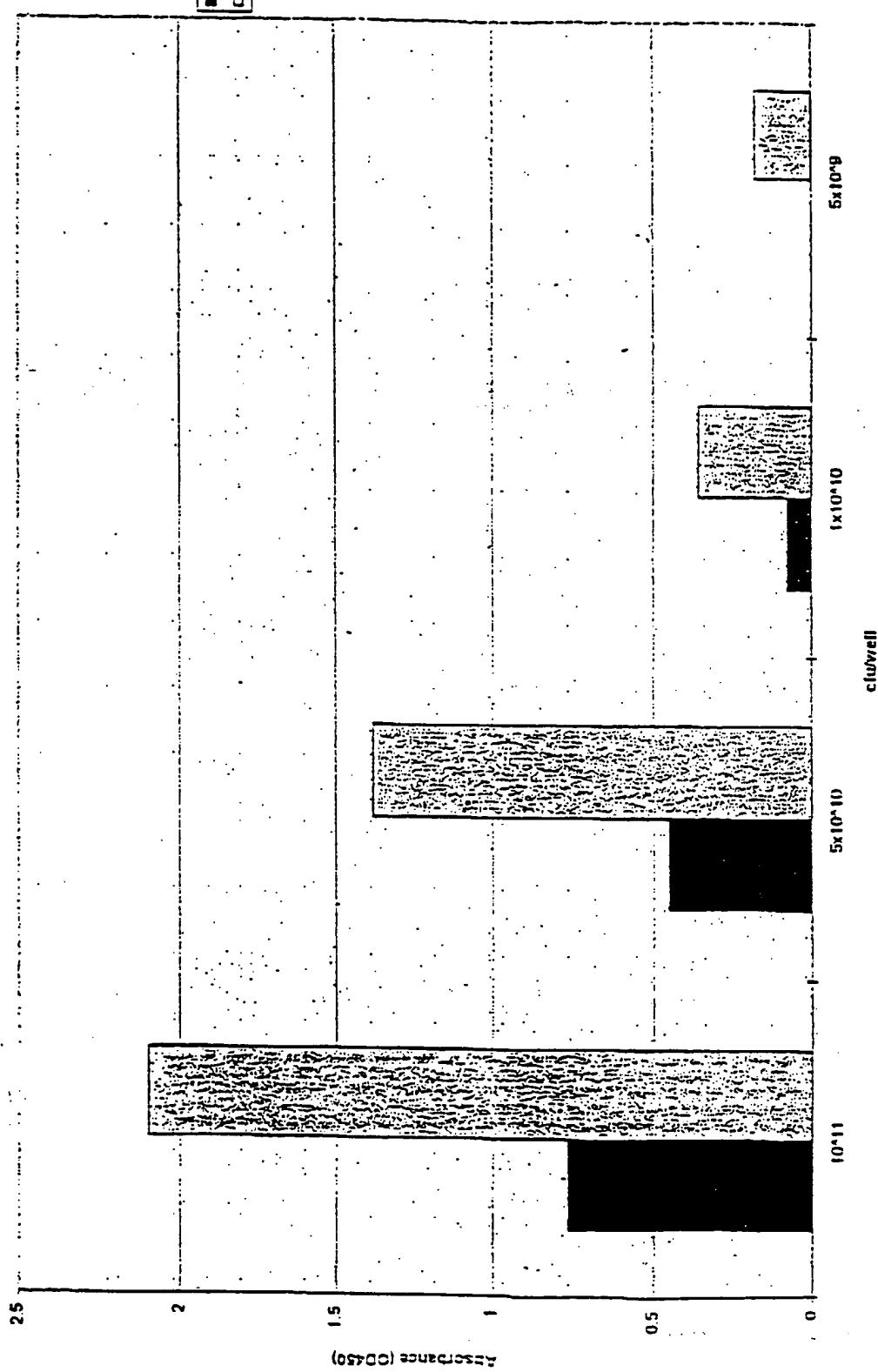


Fig. 17

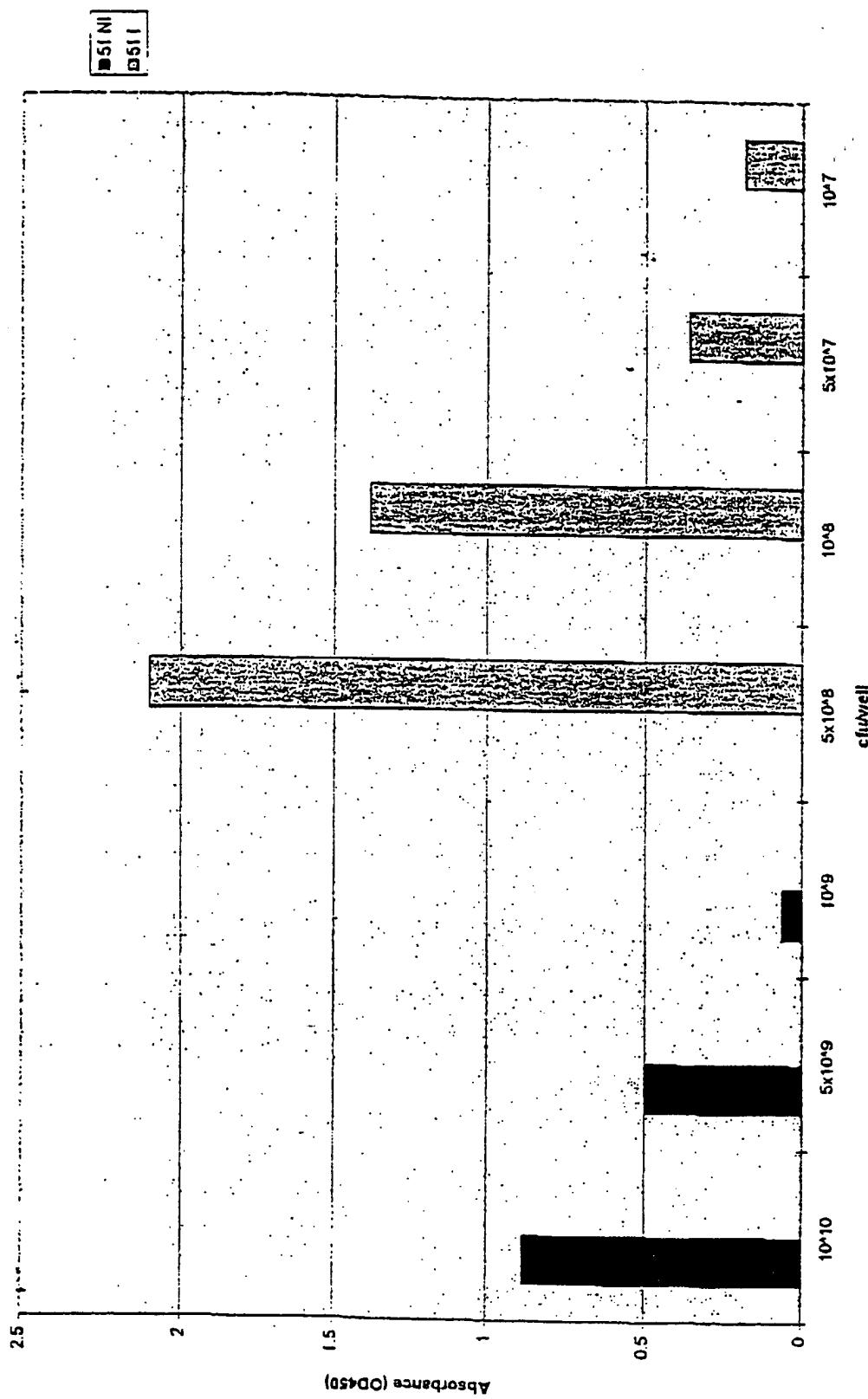


Fig. 18

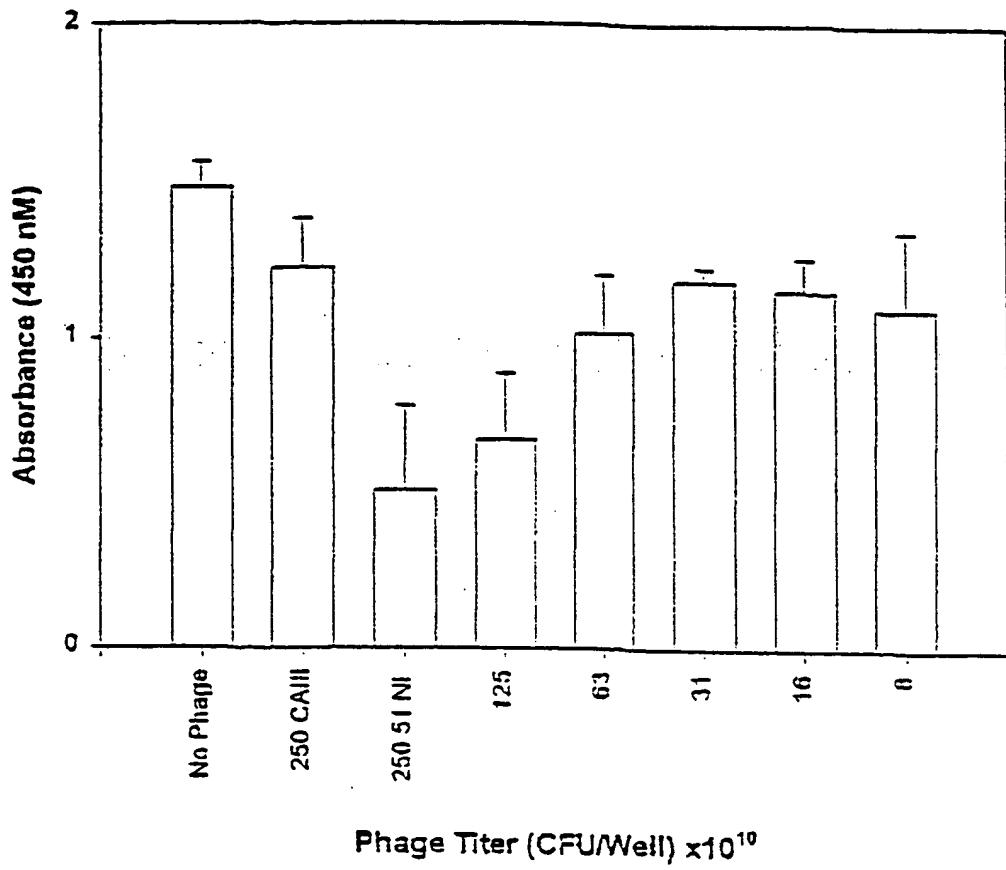
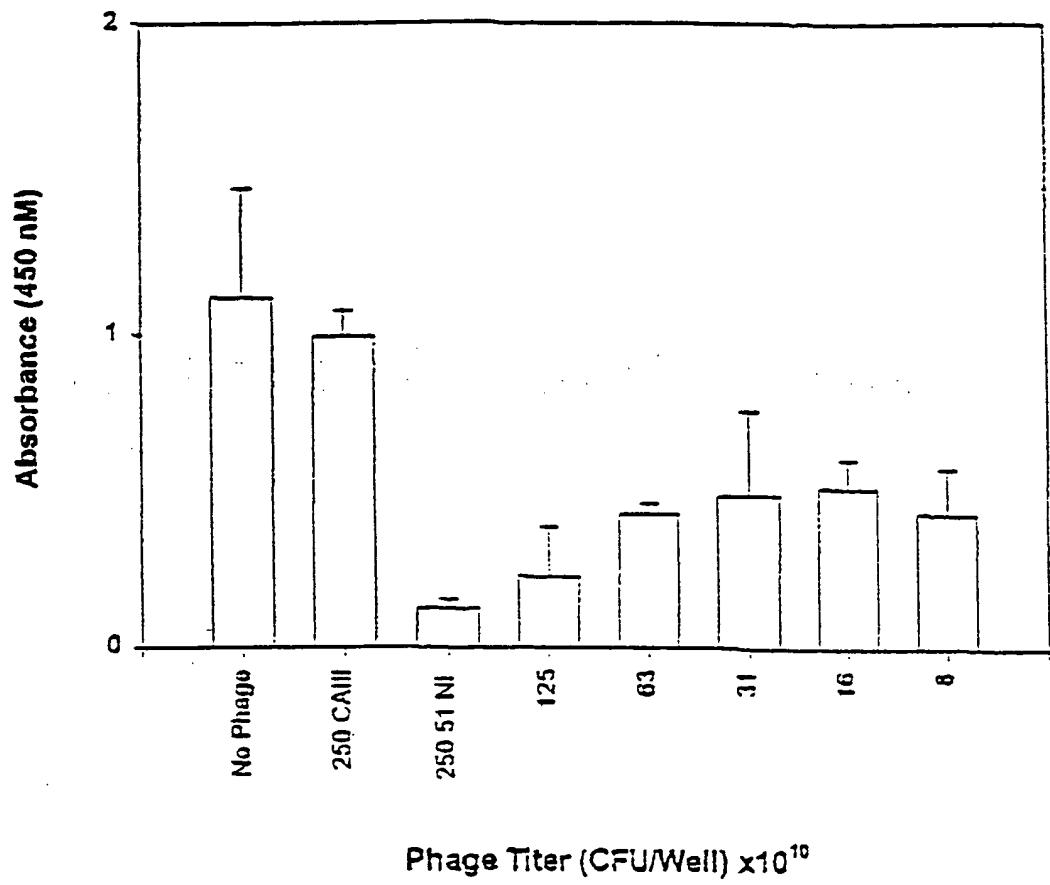


Fig. 19-A



F_g 19-B

26.200 "T2ZET" FIG. 20

pwct0 $\boxed{\text{tuc} \quad \text{wild-type L.S.} \quad \text{V}_d \text{ chain} \quad (G_{15})_1 \quad \text{V}_{\beta \text{Cp chain}} \quad \text{EE tag - } 98\text{-stop}}$

pwct1 $\boxed{\text{tuc} \quad \text{wild-type L.S.} \quad \text{V}_d \text{ chain} \quad (G_{15})_1 \quad \text{V}_{\beta \text{Cp chain}} \quad 98\text{-stop}}$

pwct2 $\boxed{\text{tuc} \quad \text{wild-type L.S.} \quad \text{V}_d \text{ chain} \quad (G_{15})_1 \quad \text{V}_{\beta \text{Cp chain}} \quad (G_{15})_2 \quad 98\text{-stop}}$

Fig. 20

Primer	Seq Id No	Sequence (5' to 3')
KC100	001	CGG CCA TGG CCC AGC TGC AGA CTA GTG C
KC101	002	GGC CGC ACT AGT CTG CAG CTG GGC CAT GGC CGG CT
KC110	003	CTC GCG GCC CAG CCG GCC ATG GCC GAG GCT GCA GTC ACC CAA AGC
KC111	004	CTT CCT CAC TAG TAC AGT CTG CTC GGC CCC AG
KC112	005	GAT GGC CTC GAG GAG CAG GTG GAG CAG CTT
KC113	006	GAC TAG CCC GGG ACA GGG AAC GTC TGA ACT GGG
KC114	007	CTC GCG GCC CAG CCG GCC ATG GCC GAG CAG GTG GAG CAG CTT CCT
KC115	008	CTC GCG CTC GAG GAG GCT GCA GTC ACC CAA AGC
KC116	009	CTC GCG CCC GGG ACA GTC TGC TCG GCC CCA GGC
KC117	010	CTC GCG ACT AGT ACA GGG AAC GTC TGA ACT GGG
KC118	011	CTC GCG CCC GGG GTC TGC TCG GCC CCA GGC
KC119	012	CTC GCG ACT AGT GGG AAC GTC TGA ACT GGG
KC120	013	CTC GCG ACT AGT GTC TGC TCG GCC CCA GGC
KC121	014	CTC GCG CCC GGG GGG AAC GTC TGA ACT GGG
KC122	015	CTC GCG CTC GAG CGA GGC TGC AGT CAC CCA AAG C
KC123	016	GGG GGG CCC GGG GCT GAG GGT GAC GAT CCC GCA AAA G

Fig. 214

Primer	Seq Id No	Sequence (5' to 3')
KC124	017	CTA GTC TGG TGG CGG TGG CAG CGG CGG TGG TGG TTC CGG TGG CGG CGG TTC TGG CGG TGG CGG TTC C
KC125	018	TCG AGG AAC CGC CAC CGC CAG AAC CGC CGC CAC CGG AAC CAC CAC CGC CGC TGC CAC CGC CAC CAG A
KC126	019	GTG CTC ACT AGT GTT TGG CTC TAC AGT GAG TTT GGT G
KC127	020	GAT GGC TCG AGT GAG CAG GTG GAG CAG CTT CCT
KC128	021	CTA GTC CCC GGG TAC AAC TGT GAG TCT GGT TCC
KC129	022	CTC GAG ACT AGT TAC AAC TGT GAG TCT GGT TCC
KC130	023	CGG CCG AGG AAG AAG AGT ACA TCC CGA TGG ATC
KC131	024	GGG CCA TCC ATC GGG ATG TAC TCT TCT TCC TCG GCC GGC T
KC132	025	CCG GGG AGG AAG AAG AGT ACA TCC CGA TGG ATT GAG
KC133	026	AAT TCT CAA TCC ATC GGG ATG TAC TCT TCT TCC TCC
KC134	027	GCC CGG GAC TAG TGC
KC135	028	GGC CGC ACT AGT CCC GGG CTG CA
KC136	029	CTA GTC CCC GGG TCA TCA AGC GGC GCC TTC CAT CGG CAT GTA CTC TTC TTC CTC TAC AAC TGT GAG TCT GGT TCC
KC137	030	CTA GTC CCC GGG TCA TCA AGC GGC GCC TTC CAT CGG CAT GTA CTC TTC TTC CTC GTC TGC TCG GCC CCA GGC

Fj. 21 B

Primer	Seq Id No	Sequence (5' to 3')
KC138	031	CTA GTC CCC GGG TAC AAC TGT GAG TCT GGT TCC
KC139	032	CCG GGG AGG AAG AAG AGT ACA TGC CGA TGG AAG GCG CCG CTT AGC
KC140	033	CCT CCT TCT TCT CAT GTA CGG CTA CCT TCC GCG GCG AAT CGG GCC
KC141	034	GAT CAG CCC GGG GAG GCT GCA GTC ACC CAA AGC
KC142	035	CTA GTC CCC GGG ACA GTC TGC TCG GCC CCA CCG
KC143	036	CCG GGG AGG AAG AAG AGT ACA TGC CGA TGG AAG GCG CCG CTC
KC144	037	CCT CCT TCT TCT CAT GTA CGG CTA CCT TCC GCG GCG AGG GCC
KC145	038	CGC CGC TCA CCA TCA CCA TCA TCA CTG ATG AC
KC146	039	GGC GAG TGG TAG TGG TAG TAG TGA CTA CTG GGC C
KC147	040	GAT CAG GGC GCC GCT ACT GTT GAA AGT TGT TTA
KC148	041	CTG ATC GGA TCC TCA TTA AAG CCA GAA TGG AAA
KC149	042	CCG GGC TAA GCG GCG CCT TCC ATC GGC ATG TAC TCT TCT TCC TCC
KC150	043	CCG GGA GCG GCG CCT TCC ATC GGC ATG TAC TCT TCT TCC TCC
KC151	044	CCG GGT CAT CAG TGA TGA TGG TGA TGG TGA GCG G
KC152	045	GCT CGA GCT TAC TCC

Fig. 21C

Primer	Seq Id No	Sequence (5' to 3')
KC153	046	CGC TCA TTA GGC GG
KC154	047	GTG TAC TTC TGT GCC
KC155	048	CTG TGA GTC TGG TTC
KC156	049	GCA GGT TCT GGG TTC
KC157	050	CAT TTA CTA ACG TCT GG
KC158	051	CGC CTG GTA CTG AGC
KC159	052	CCT CAA CCT CCT GTC
KC160	053	CTT ATT CCG TGG TGT C
KC161	054	CCA CCC TCA GAA CCG
KC162	055	GAA TTT ACC GTT CCA G
KC163	056	CTT TAG CGT CAG ACT G
KC164	057	GAA ACG CAA AGA CAC C
OPR156	058	GGG GGG CCC GGG CTG CTG AGG GTG ACG ATC CCG CAA AAG
OPR157	059	GGG GGG GAA TTC TAT TAG CTT GCT TTC GAG GTG AAT TTC
JWTCR222	060	GAG CAC GGC CCA GCC GGC CAT GGC CGA GGC TGC AGT CAC CC
JWTCR221	061	GAG CAC GAG ACT AGT AGC ACG AAC AAC ACG GTC GTC GAT CGG TTC CGG CGG GTT TGG CTC TAC AGT GAG
JWTCR220	062	GAT CCC TCC TGG ACA CGC AGG ATG GAA GGA AGC TGC TCC ACC TGC TCA GCA CGA ACA ACA CGG TCG TCG ATC GGT TCC GGC GGG GC
JWTCR 219	063	CAT GGC CCC GCC GGA ACC GAT CGA CGA CCG TGT TGT TCG TGC TGA GCA GGT GGA GCA GCT TCC TTC CAT CCT GCG TGT CCA GGA GG

Fig. 21D

Primer	Seq Id No	Sequence (5' to 3')
JWTCR218	064	GAG GTG GAA TTC TAT TAA GAC TCC TTA TTA CGC AGT ATG
JWTCR217B	065	GAG GAG GTG GTG ACT AGT AGC AGG TTC TGG TGG GTT CTG GAT GTT TGG CTC TAC AGT GAG
JWTCR217	066	GAG GAG GTG GTG ACT AGA AGC AGG TTC TGG GTT CTG GAT GTT TGG CTC TAC AGT GAG
JWTCR216	067	GAG GTG GAA TTC TAT TAG TGA TGA TGG TGA TGG TGA GAC TCC TTA TTA CGC
JWTCR215	068	GAG GTG CCC GGG ACT GTT GAA AGT TGT TTA GC
JWTCR214	069	GAG GTG GAA TTC TAT TAG TGA TGA TGG TGA TGG TGG CTT GCT TTC GAG G
JWTCR213	070	GAG GTG GAA TTC TAT TAG CTT GCT TTC GAG G
JWTCR212	071	GAG GTG CCC GGG GCT GAG GGT GAC GAT CCC G
JWTCR211	072	AAT TCT CAT CAG TGA TGA TGG TGA TGG TGC CCG GGC ACC ATC ACC ATC ATC ACT GAT GAG
JWTCR210	073	GTG GAG CCC GGG TTC CAT CGG CAT GTA CTC TTC TTC CTC TAC AAC TGT GAG TCT GG
JWTCR209	074	GAG GTG GAA TTC TCA CCC GGG TTC CAT CGG CAT GTA CTC TTC CTC GTC TGC TCG GCC CCA G
JWTCR208	075	GAG GTG GAA TTC TCA CCC GGG TTC CAT CGG CAT GTA CTC TTC CTC GTC TGC TCG GCC CCA G
JWTCR207	076	GAG GTG CTG CAG GTT CCA TCG GCA TGT ACT CTT CTT CCT CGT CTA GAC GGC CCC AGG CCT C
JWTCR206	077	GTG GAG CTG CAG GGT CTA GAC GGC CCC AGG CCT C
JWTCR204	078	GTG GAG CTG CAG GTG ATC CAC CCC CTC CAG ATC CAC CCC CTC CGT CTG CTC GGC CCC AG
JWTCR202	079	GTG GAG AAG CTT TGC CGA GCA GGT GGA GCA GC

Fig. 21 E

Primer	Seq Id No	Sequence (5' to 3')
JWTCR200A	080	GGG GGG GAG GTG CTC GAG CGA GGC AGC AGT CAC C
JWTCR23A	081	GAG CCC ACT AGT TTG GCT CTA CAG TGA GTT TGG TG
JWTCR1	082	CTA GAC CAG CAA ATC TGC ACC CAC AGA ATC CCT AGG ACA GCT CCC AGG TTC CTC TGC ATG GTG GA
JWTCR2	083	AGC TTC CAC CAT GCA GAG GAA CCT GGG AGC TGT CCT AGG GAT TCT GTG GGT GCA GAT TTG CTG GT
JWTCR3	084	GAT CGG TCT AGA GGT GAG CAG GTG GAG CAG CTT CC
JWTCR4	085	GCC TGG AGA CTC AGC CAT G
JWTCR5	086	GAA GTA CAT GGC TGA GTC TCC
JWTCR6	087	GAT GAA CGT TCC AGA TTC CAT GG
JWTCR7	088	CCC AAA TCA ATG TGC CGA AAA C
JWTCR8	089	CTA GAA CAC AGG AGA CTG GAG AGC ACG AAG AAG AGC CTG GAG CCC ATG GTG GA
JWTCR9	090	GCT CTC CTT GTA GGC CTG AG
JWTCR10	091	GTA CTT CTG TGC CAG CGG TG
JWTCR11	092	GAG CAA TTA TAG CTA CTG CCT G
JWTCR12	093	GGT CTG GAG GCC TTG TAT CC
JWTCR13	094	AGC TTC CAC CAT GGG CTC CAG GCT CTT CTT CGT GCT CTC CAG TCT CCT GTG TT
JA301	095	TCG AGG AAC CGC CAC CGC CAG AAC CGC CGC CAC CGG AAC CAC CAC CGC CGC TGC CAC CGC CAC CA

Fig. 21F

Primer

Seq. Id No.

JA302

96

CTA GTG GTG GCG GTG GCA GCG GCG GTG GTG
GTT CCG GTG GCG GCG GTT CTG GCG GTG GCG
GTT CC

Kozak consensus

97

CCACCATG

98

Glu Glu Glu Glu Tyr Met Pro Met Glu
1 5

99

ATG AAA TAC CTG CTG CCG ACC GCA GCT GCT
GGT CTG CTG CTG GCT GGC GGC CCA AGC CGA
TGG CC

100

MKY LLP TAA AAL LLL AAQ PAM

Fig. 21 G

Seq. Id. **ICRC FORWARD:**
No.

TCR-VC BACK:

128

129

130

Fig. 22

Seq. Id: DCE-7B E90NT:
No.

TCR-VB BACK

Mixture of:

114

115

NcoI

^aTwo colors were added, because full length vβ20 cDNA was not available.

Fig. 23